PTZ KEYBOARD CONTROLLER

GS-KBC7

USER MANUAL

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1. IMPORTANT SAFEGUARDS AND WARNINGS

Prior to installation and use of this product, the following WARNINGS should be observed.

1) All the safety and operating instructions should be read before the appliance is operated.

2) Do not use this unit near water or watery places.

3) Operate this unit from the type of power source indicated on the marking label or manual. When the voltage goes beyond the limited, please do not open the unit.

4) Don’t clean it with the punchy detergent. Please use the soft cleaner, and only clean the outer.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,DO NOT REMOVE COVER(OR BACK).NO USER SERVICEABLE PARTS INSIDE.

Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.

2. DESCRIPTION

It can control output decoders, integrated camera, speed dome, or integrated PT unit. It can also be used in our DVR system.

3. Technical Parameter

1.Baud Rate: 1200bps, 2400bps, 4800bps, or 9600pbs.

2.Communication: RS-485

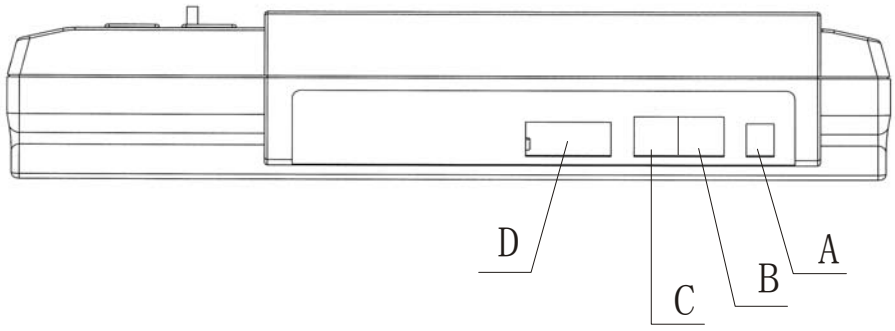
3.Power supply: 9VDC

4.Communication distance: max 1200m

5.Can control Max 32 speed domes.

4. Names and Functions of Each Parts

Rear Panel



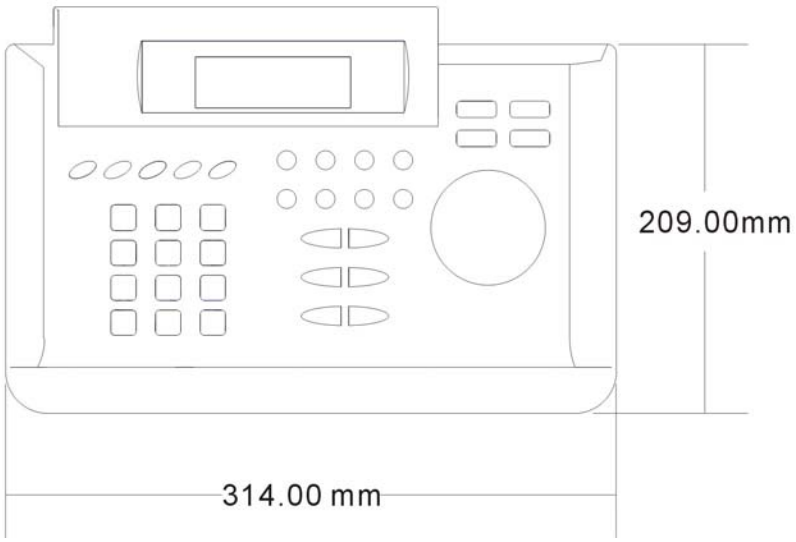
A. Input power: Connect with DC9V power supply.

B. RS485-1: Connect with speed dome, decoder or receiver

C. RS485-2: No use.

D. RS232 connector: No use.

Front Panel



LCD DISPLAY

This displays the current address, protocol and baud rate.

1) 0~9

They are used to setup the camera address, PRESET No., and to modify

the keyboard parameters.

When SHIFT button is in effect, it will be light.2 to 8 to 4 to 6 can also be used to move the PT unit UP, DOWN, LEFT and RIGHT.

2) CAM

Enter the address (0-255) by the number key then press CAM key. The number will be displayed after item **CAM** on the LCD.

3) MON

Selection (Connect to Matrix)

4) CLOSE/OPEN, NEAR/FAR, and TELE/WIDE

This is used when controlling the actions of the IRIS, FOCUS, and ZOOM of the zoom lens connected to the speed dome or PT unit. Under Camera Mode, turn the menu by pressing **WIDE** and **TELE**, adjust the parameter value by pressing **FAR,** and exit the adjusting by pressing **NEAR**

5) JOYSTICK

It is 2D or 3D,and used to move the speed dome or PT unit on pan or tilt direction. The moving speed increases as the offset. Turning the knob on the 3D joystick can control the camera **TELE/WIDE**.

6) MENU

Press key **MENU** to call the camera menu.

Exit the menu from the exit item of the camera menu (recommended) or press key **MENU** again. Turn the menu by pressing **WIDE** and **TELE**, adjust the parameter value by pressing **FAR,** and exit the adjusting by pressing **NEAR**

7) Tour

Press key **Tour**, it gets turned on, and tour begins.

Press key **Tour** again, it gets turned off, and tour stops.

8) SCAN. (360° pan auto scan)

Press key **SCAN**, it gets turned on, and auto scan begins.

Press key **SCAN** again, it gets turned off, and auto scan stops.

9) PATTERN

No use

10) **SHIFT**

Press key **SHIFT**, it gets turned on, and SHIFT is in effect.

Press key **SHIFT** again, it gets turned off, and SHIFT is off no effect.

11) **BEFORE**

No use

12) **NEXT**

No use

13) **PRESET**

This is used when searching for the PRESET position set up in the speed dome or receiver. Input the Preset No. in the Number area, and press key **PRESET** to call it. If succeed, the number input area will reset automatically.

PRESET NO. (1-32) （34-66）

14) Enter

No use.

15) CLEAR

Press key **CLEAR**, the Number input area will reset

16) **PRE－SET**

I. This is used to set up the Presets. Input the Preset No. in the Number area, and press key **PRE－SET** to setup the PRESET. If succeed, the number input area will reset automatically. PRESET NO. (1-32) （34-66）

II. Pressing this key for two seconds can delete the PRESET set up in the speed dome or receiver. Input the Preset No. in the Number area, and press key **PRESET** for seconds to delete the Preset. If succeed, the number input area will reset automatically. PRESET NO. (1-32) （34-66）

18) MUX-C

No use

19) PGM

input 1-3, and then press key **PGM** to adjust the speed zoom
Input 50,and then press key **PGM** to select Protocol P.
Input 44,and then press key **PGM** to select Protocol D.
Input 12,and then press key **PGM** to select Baud Rate to1200.
Input 24,and then press key **PGM** to select Baud Rate to 2400.
Input 48,and then press key **PGM** to select Baud Rate to 4800.
Input 96,and then press key **PGM** to select Baud Rate to 9600.
If the above action can succeed, the number input area will reset automatically

20) AUX1—AUX4

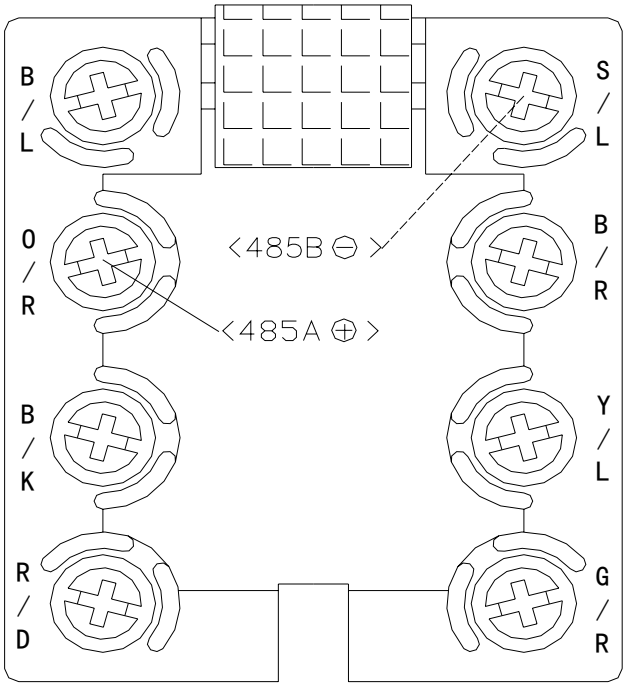
When the shift key is invalidation, AUX1 to AUX4 is slave control1-key can alternative key. Open and shut.
When the shift key is validation, AUX1 is full-screen, AUX2 is four-screen, AUX3 is nine-screen, AUX4 is sixteen-screen.

5. KEY BOARD CONNECTION

Connect O/P with RS-485+ A

Connect Y/L with RS-485- B

Inner connection diagram



NOTE: There is a film on the LCD. Take it off before using.